



United States Department of the Interior

BUREAU OF RECLAMATION

Great Plains Region

Montana Area Office

P.O. Box 30137

Billings, Montana 59107-0137



IN REPLY REFER TO: MT-450

January 8, 2014

FAXOGRAM: Water Order Change

To: Chief, Power Supply and Billing Division, WAPA, Watertown, South Dakota
Attention: F-6001
Chief, Power Dispatching Branch, WAPA, Loveland, Colorado
Attention: J-4120
Facilities Manager, Hardin, Montana
Attention: MT-300: Tom Tauscher
Project Manager, Mills, Wyoming
Attention: WY-4000, WY-4100, WY-6400
Assistant Superintendent, National Park Service, Lovell, Wyoming
Attention: Valerie Newman

From: Reservoir and River Operations, Billings, Montana /S/ Tim H. Felchle

Subject: **Yellowtail Water Release Order - BHR No. 14-20**

CURRENT RESERVOIR CONDITIONS

Elevation: 3636.85; Storage: 982,497 acre-feet; River Release: 2,480 cfs; Inflow: 1,585 cfs;

GENERAL COMMENTS:

A 30 day maintenance outage is scheduled on Unit 2 of the Yellowtail Powerplant for January 21 through February 19, 2014. To accommodate the scheduled maintenance, the following operations are required at Yellowtail Dam and Powerplant, restricting and limiting the power turbine releases to 3-unit capacity.

SPECIAL NOTE: To provide the proper mixing of water releases to the Bighorn River in attempt to minimize PSAT levels, it is desirable to maintain the Yellowtail Afterbay Reservoir at or above elevation 3183.0 feet.

YELLOWTAIL TURBINE RELEASE:

During 0800 hour on Tuesday, January 21 through 1700 hour on Wednesday, February 19, 2014:

Maintain average daily turbine release at 2,410 cfs (\approx 1,800 MW-Hours/day using 32.1 cfs/mw).

Restrict and limit turbine release to 3-unit capacity.

AFTERBAY RELEASE AND OPERATION:

During 0800 hour on Tuesday, January 21 through 1700 hour on Wednesday, February 19, 2014:

Maintain diversions to the Bighorn Canal at 0 cfs.

Maintain river release at 2,480 cfs (gage height = 60.49 and -0.51 shift).

Maintain total release from the Afterbay at 2,480 cfs.